



STIC EIC2600

Search Request Form

223008

Today's Date: 4/24/07 Date Needed by: _____ RUSH - SPE signature _____

Your Name <u>Michael Horvath</u>	Format for Search Results: PAPER EMAIL
AU <u>2600</u> Examiner # <u>65691</u>	Where have you searched?
Room # <u>Jeet 2009</u> Phone <u>23068</u>	EAST _____
Serial # <u>10/045-345</u>	NPL _____ where - IEEE, ACM, internet, other
Priority Date _____	

DESCRIBE the scope of your request, such as the area of art, novelty, process or method if applicable. Specify the concepts, synonyms, keywords, acronyms, or definitions and the relationship of the concepts to each other. Please attach a copy of the background, abstract, and pertinent claims of the application. **ONLY specifying CLAIM 1 is not enough.**

61278.688

STIC Searcher Kimberly Johnson Phone 2-4235
Date picked up 4/24/07 Date completed 4/26/07
DATABASES Searched Comlink, Lexis, Quest TEXT _____ LITIGATION ✓
OTHER _____



Johnson, Kimberly (STIC)

From: Horabik, Michael
Sent: Thursday, April 26, 2007 8:12 AM
To: STIC-EIC2600
Subject: Litigation search request

Can I have a litigation search done for Reissue application SN 10/645,345 filed on 3/14/02? The application is a reissue of US Patent No. 6,278,688 issued on 8/21/01. Deliver to Jef-2D69.

Thank You.

Michael Horabik
TQAS TC 2600
JEF-2D69
michael.horabik@uspto.gov
(571) 272-3068

Query/Command : prt max legalall

1 / 1 FAMPAT - ©QUESTEL-ORBIT - image

FAN - 20042790174566

PN - FI971142 D0 19970318 [FI9701142]
FI971142 A 19980919 [FI9701142]
CA2283823 A1 19980924 [CA2283823]
WO9842148 A1 19980924 [WO9842148]
AU6624698 A 19981012 [AU9866246]
FI103624 B 19990730 [FI-103624]
FI103624 B1 19990730 [FI-103624]
EP0968615 A1 20000105 [EP-968615]
CN1243639 A 20000202 [CN1243639]
BR9808195 A 20000516 [BR9808195]
AU729032 B2 20010125 [AU-729032]
US6278688 B1 20010821 [US6278688]
CN1116769 C 20030730 [CN1116769C]
EP0968615 B1 20040707 [EP-968615]
DE69824954 D1 20040812 [DE69824954]
DE69824954 T2 20050825 [DE69824954]

TI - PROCEDURE FOR ENSURING THE OPERATION OF SIGNALLING CHANNELS IN A V5 INTERFACE

PA - LALLUKKA TOIVO
LIINAMAA OLLI
NOKIA CORP
NOKIA NETWORKS OY
NOKIA TELECOMMUNICATIONS OY
RUKAJAERVI ARTO
SUUTARI JYRKI

PA0 - Nokia Telecommunications Oy, Espoo [FI]

IN - LIINAMAA OLLI; SUUTARI JYRKI; LALLUKKA TOIVO; RUKAJAERVI ARTO

AP - 1997FI-0001142 19970318; 1998CN-0801724 19980305; 1998DE-6024954 19980305; 1998CA-2283823 19980305
1998BR-0008195 19980305; 1998AU-0066246 19980305; 1998WO-FI00198 19980305; 1998EP-0908129 19980305
1999US-0336862 19990621

FD - (US6278688)
Cont. of 19980305 []

PR - 1997FI-0001142 19970318; 1998WO-FI00198 19980305

IC - H04J-003/12
H04J-003/14
H04L-012/24
H04M
H04M-003/00
H04M-003/42
H04M-003/58
H04M-003/60

H04M-007/00
 H04M-012/24
 H04Q-003/00
 H04Q-003/58
 H04Q-003/60
 H04Q-011/04

ICAA - H04J-003/12 [2006-01 A - I R M EP]; H04J-003/14 [2006-01 A - I R M EP];
 H04Q-011/04 [2006-01 A - I R M EP]

ICCA - H04J-003/12 [2006 C - I R M EP]; H04J-003/14 [2006 C - I R M EP]; H04Q-
 011/04 [2006 C - I R M EP]

EC - H04J-003/12
 H04J-003/14
 H04Q-011/04S1

PCL - ORIGINAL (O) : 370217000; CROSS-REFERENCE (X) : 370228000
 370522000 379279000

DS - (EP-968615)
 BE DE FR GB IT NL SE

DS - (WO9842148)
 AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
 GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
 TM TR TT UA UG US UZ VN YU ZW ARIPO Patent (GH GM KE LS MW
 SD SZ UG ZW) Eurasian Patent (AM AZ BY KG KZ MD RU TJ TM)
 European Patent (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
 SE) OAPI Patent (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG)

CT - (EP-968615)
 Cited in the search report
 See references of WO 9842148A1

CT - (US6278688)
 US5418776; US5751574; US5781623; US5910980; US6069948; EP0792079
 A1; WO9617484; WO9716936; WO9735404
 A. Gillespie "Interfacing Access Networks to Exchanges: The ETSI V5
 Approach" IEEE Global Telecommunication Conference, vol. 3, pp. 1754-1758,
 Dec. 1992.

K. Khakzar "V5 Interfaces between Digital Local Exchanges and Access
 Networks" Frequenz, vol. 48, No. 1-2, ppl. 44-50, 1994.

International Search Report for PCT/FI98/00198, Apr. 9, 1998.

CT - (WO9842148)
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 WO9735404(A1)(Cat. A,P)
 KARIM KHAKZAR, "V5 Interfaces Between Digital Local Exchanges and
 Access Networks", 1994, FREQUENZ, (Berlin), pages 44-50.(Cat. A)
 IEEE GLOBAL TELECOMMUNICATION CONFERENCE, Volume 3,
 December 1992, (USA), Dr. ALEX GILLESPIE, "Interfacing Access Networks
 to Exchanges the ETSI V5 Approach", pages 1754-1758.(Cat. A)

AB - (US6278688)

The present invention relates to a procedure for ensuring the operation of signalling channels in a V5 interface between a local exchange (LE) and an access node (AN). The interface includes at least two links (L), in conjunction with redefinition of the interface composition. Redefinition generally involves making changes in the V5 interface data, such as the location of signalling channels on the links. According to the invention, the operation of protected channels in conjunction with restarting is ensured by starting the protected channels on the channels defined for them in the new composition and on the channels to which they were transferred in conjunction with the protection switch-over.

OBJ - (US6278688)

The present invention relates to a procedure for ensuring the operation of signalling channels in a V5 interface between a local exchange (LE) and an access node (AN).

The present invention relates to a procedure for ensuring the operation of protected signalling channels in a V5 interface between a local exchange and an access node in conjunction with a redefinition of the composition of the interface.

The object of the present invention is to eliminate the problems described above.

ADB - (US6278688)

A specific object of the present invention is to present a new procedure that makes it possible to flexibly ensure the activation of the signalling channels in a V5 interface when a new composition is defined for the V5 interface without the reprovision function.

The problem is that the above-mentioned standards do not define whether the possible protection switch-over cases should be taken into account or not when a new configuration or composition is introduced.

ICLM - (US6278688)

1. A method for ensuring the operation of signaling channels in a V5 interface between a local exchange and an access node, the interface comprising: reconfiguring V5 interface data in an interface composition having at least two signaling channels; and ensuring active operation of protected signaling channels when starting a V5 interface, wherein the protected signaling channels are started on signaling channels defined in a new interface composition, and on signaling channels to which the protected signaling channels were transferred in a protection switch-over.

UP - 2000-08

1 / 6 LGST - ©EPO

PN - BR9808195 A 20000516 [BR9808195]

AP - BR9808195 19980305 [1998BR-0008195]

ACT - 20070410 BR/B08F-A [-]

APPLICATION FEES: DISMISSAL - ARTICLE 86 OF INDUSTRIAL PROPERTY LAW


ANUIDADE DO PEDIDO: ARQUIVAMENTO . ART. 86 DA LPI
REFERENTE A 5A,6A,7A,8A E 9A ANUIDADES.

UP - 2007-16

2 / 6 LGST - ©EPO

PN - DE69824954 D1 20040812 [DE69824954]
AP - DE69824954 19980305 [1998DE-6024954]
ACT - 20050804 DE/8364-A
NO OPPOSITION DURING TERM OF OPPOSITION
EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN
WURDE
UP - 2005-31

3 / 6 LGST - ©EPO


PN -  CA2283823 A1 19980924 [CA2283823]
AP - CA2283823 19980305 [1998CA-2283823]
ACT - 19990913 CA/AFNE-A [+]
NATIONAL PHASE ENTRY
NATIONAL PHASE ENTRY

20030305 CA/FZDE-A [-]
DEAD
DEAD

20030403 CA/AFNE-A [+]
NATIONAL PHASE ENTRY
NATIONAL PHASE ENTRY
EFFECTIVE DATE: 19990913

20030820 CA/FZDE-A [-]
DEAD
DEAD
EFFECTIVE DATE: 20030305
UP - 2006-18

4 / 6 LGST - ©EPO

PN -  US6278688 B1 20010821 [US6278688]
AP - US33686299 19990621 [1999US-0336862]
ACT - 20010706 US/AS-A
ASSIGNMENT
OWNER: NOKIA TELECOMMUNICATIONS OY KEILALAHDENTIE 4
FIN-0; EFFECTIVE DATE: 19990601
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:SUUTARI,
JYRKI;LALLUKKA, TOIVO;RUKAJARVI, ARTO;AND
OTHERS;REEL/FRAME:011960/0279


20010706 US/AS-A
ASSIGNMENT
OWNER: NOKIA TELECOMMUNICATIONS OY KEILALAHDENTIE 4FIN-

02; EFFECTIVE DATE: 19990601
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:SUUTARI,
JYRKI /AR;REEL/FRAME:011960/0279

20040106 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030821

UP - 2006-03

5 / 6 LGST - ©EPO

PN -  WO9842148 A1 19980924 [WO9842148]

AP - WOFI9800198 19980305 [1998WO-FI00198]

ACT - 19980924 WO/AK [+]
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SEARCH REPORT
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT UA UG US UZ VN YU ZW

19980924 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG

19981126 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

19990224 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
DESIGNATED IN THIS APPLICATION

19990621 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
US 1999 336862A 19990621 [1999US-0336862]

19990913 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
CA 2283823A [1998CA-2283823]


20000113 WO/REG; DE/8642 [-]
DE: IMPACT ABOLISHED FOR DE
DE: WIRKUNG WEGGEFALLEN FUER DE
<DE>


20000303 WO/NENP

NON-ENTRY INTO THE NATIONAL PHASE IN:
JP 1998540159 [1998JP-0540159]

UP - 2003-22

6/6 LGST - ©EPO

PN -  EP0968615 A1 20000105 [EP-968615]

 EP0968615 B1 20040707 [EP-968615]

AP - EP98908129 19980305 [1998EP-0908129]

ACT - 20000105 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
BE DE FR GB IT NL SE

20000105 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
PRUEFUNGSANTRAG GESTELLT
EFFECTIVE DATE: 19990517

20020313 EP/RAP1-A
APPLICANT REASSIGNMENT (CORRECTION)
ANMELDER UEBERTRAGUNG (KORR.)
OWNER: NOKIA CORPORATION

20040707 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
BENANNT VERTRAGSSTAATEN
BE DE FR GB IT NL SE

20040707 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
<GB>


20040812 EP/REF-A
CORRESPONDS TO:
ENTSPRICHT
(DE 69824954 20040812 [DE69824954])

20050304 EP/ET-A
FR: TRANSLATION FILED
FR: TRADUCTION A ETE REMISE

20050629 EP/26N-A [+]
NO OPPOSITION FILED
KEIN EINSPRUCH EINGELEGT
EFFECTIVE DATE: 20050408

UP - 2005-26

1/1 CRXX - ©CLAIMS/RRX

PN -  6,278,688 A 20010821 [US6278688]
PA - Nokia Telecommunications Oy FI
ACT - 20030821 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040106
REISSUE REQUEST NUMBER: 10/645345
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2662

Reissue Patent Number:

Search statement 3

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6278688

August 21, 2001

Procedure for ensuring the operation of signalling channels
in a V5 interface

REISSUE: August 21, 2003 - Reissue Application filed Ex. Gp.: 2662; Re. S.N.
10/645,345 (O.G. January 6, 2004)

APPL-NO: 336862 (09)

FILED-DATE: June 21, 1999

GRANTED-DATE: August 21, 2001

CORE TERMS: channel, interface, signalling, composition, switch-over,
conjunction, backup, protocol, node, redefinition ...

LEXIS-NEXIS
Library: PATENTS
File: ALL

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LEXIS-NEXIS
Library: PATENTS
File: CASES

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To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

6,278,688 OR 6278688

LEXIS-NEXIS
Library: PATENTS
File: CURNWS

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Patent Search 6278688 4/26/2007

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